

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Roger L. Schultz and Michael L. Fripp	)	
		)	
		)	Art Unit: unknown
		)	
Serial No.:	unknown	)	
		)	
Filed:	concurrently herewith	)	Examiner: Unknown
		)	
For:	SYSTEM AND METHOD FOR	)	
	PROCESSING SIGNALS IN A WELL	)	

**INFORMATION DISCLOSURE STATEMENT**

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

SIR:

The following documents are known to Applicants or Applicants' attorneys and are submitted for the Examiner to consider in the above-captioned application.

**U. S. PATENTS**

U.S. Patent No. 4,067,349 issued January 10, 1978 to Carl E. Austin et al.

U.S. Patent No. 4,206,810 issued June 10, 1980 to Bruce A. Blackman.

U.S. Patent No. 4,426,882 issued January 24, 1984 to Neal G. Skinner.

U.S. Patent No. 4,508,174 issued April 2, 1985 to Neal G. Skinner et al.

U.S. Patent No. 4,866,607 issued September 12, 1989 to Terry O. Anderson et al.

U.S. Patent No. 4,999,817 issued March 12, 1991 to Mark D. Zimmer.

U.S. Patent No. 5,234,057 issued August 10, 1993 to Roger L. Schultz et al.

U.S. Patent No. 5,236,048 issued August 17, 1993 to Neal G. Skinner et al.

U.S. Patent No. 5,273,113 issued December 28, 1993 to Roger L. Schultz.

U.S. Patent No. 5,279,363 issued January 18, 1994 to Roger L. Schultz et al.

U.S. Patent No. 5,293,937 issued March 15, 1994 to Roger L. Schultz et al.

U.S. Patent No. 5,318,137 issued June 7, 1994 to Harold D. Johnson et al.

U.S. Patent No. 5,332,035 issued July 26, 1994 to Roger L. Schultz et al.

U.S. Patent No. 5,355,960 issued October 18, 1994 to Roger L. Schultz et al.

U.S. Patent No. 5,367,911 issued November 29, 1994 to Andrew W. Jewell et al.

U.S. Patent No. 5,412,568 issued May 2, 1995 to Roger L. Schultz.

U.S. Patent No. 5,490,564 issued February 13, 1996 to Roger L. Schultz et al.

U.S. Patent No. 5,899,958 issued May 4, 1999 to Iain Alexander Dowell et al.

U.S. Patent No. 6,070,672 issued June 6, 2000 to Imre I. Gazda.

U.S. Patent No. 6,131,658 issued October 17, 2000 to John W. Minear.

U.S. Patent No. 6,229,453 B1 issued May 8, 2001 to Wallace R. Gardner et al.

U.S. Patent No. 6,233,746 B1 issued May 22, 2001 to Neal G. Skinner.

U.S. Patent No. 6,236,620 B1 issued May 22, 2001 to Roger L. Schultz et al.

U.S. Patent No. 6,257,332 B1 issued July 10, 2001 to William L. Vidrine et al.

U.S. Patent No. 6,273,189 B1 issued August 14, 2001 to Robert W. Gissler et al.

U.S. Patent No. 6,286,596 B1 issued September 11, 2001 to Mark A. Schnatzmeyer et al.

U.S. Patent No. 6,310,559 B1 issued October 30, 2001 to Guy Vachon Laborde et al.

U.S. Patent No. 6,328,119 B1 issued December 11, 2001 to Ian Gillis et al.

U.S. Patent No. 6,384,738 B1 issued May 7, 2002 to Kenneth J. Cartensen et al.

U.S. Patent No. 6,394,181 B2 issued May 28, 2002 to Mark A. Schnatzmeyer et al.

U.S. Patent No. 4,506,731 issued March 26, 1985 to Neal G. Skinner.

U.S. Patent No. 4,582,136 issued April 15, 1986 to Neal G. Skinner.

U.S. Patent No. 5,490,564 issued February 13, 1996 to Roger L. Schultz et al.

U.S. Patent No. 6,144,316 issued November 7, 2000 to Neal G. Skinner.

U.S. Patent No. 6,321,838 B1 issued November 27, 2001 to Neal G. Skinner.

U.S. Patent No. 3,412,790 issued November 26, 1968 to C.C. Brown.

U.S. Patent No. 5,343,963 issued September 6, 1994 to Brett W. Bouldin et al.

U.S. Patent No. 5,712,912 issued January 27, 1998 to George J. Tomko et al.

U.S. Patent No. 5,730,219 issued March 24, 1998 to Paulo Tubel et al.

U.S. Patent No. 5,918,669 issued July 6, 1999 to Arthur J. Morris et al.

U.S. Patent No. 6,041,860 issued March 28, 2000 to Gregory R. Nazzal et al.

#### **U.S. PATENT APPLICATION PUBLICATIONS**

U.S. Patent Application Publication No. US 2001/0013410 A1 published August 16, 2001 to Harold K. Beck et al.

U.S. Patent Application Publication No. US 2001/0013411 A1 published August 16, 2001 to Harold K. Beck et al.

U.S. Patent Application Publication No. US 2001/0040033 A1 published November 15, 2001 to Mark A. Schnatzmeyer et al.

U.S. Patent Application Publication No. US 2001/0042617 A1 published November 22, 2001 to Harold K. Beck et al.

U.S. Patent Application Publication No. US 2001/0043146 A1 published November 22, 2001 to Harold K. Beck et al.

**FOREIGN DOUMENTS**

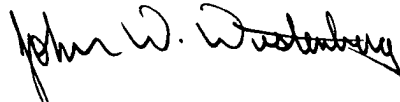
PCT Patent Application No. WO00/55475 published September 21, 2000.

**OTHER MATERIAL**

U.S. Patent Application Serial No. 10/251,160, filed September 20, 2002, entitled  
"System and Method For Sensing Leakage Across a Packer" by Roger L. Schultz et al.

Copies of the aforementioned references and Form PTO-1449 are submitted herewith.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "John W. Wustenberg", with a stylized flourish at the end.

JOHN W. WUSTENBERG  
Registration No. 35,415  
Halliburton Energy Services  
P. O. Box 1431  
Duncan, OK 73536-0440  
580-251-3782

<b>FORM PTO-1449</b> (Modified)  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)	ATTY. DOCKET NO. 2002-IP-007461U1	SERIAL NO. unknown
	APPLICANT Roger L. Schultz et al.	
	FILING DATE concurrently herewith	GROUP unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	4,067,349	01/10/78	Austin et al.	138	97	
	AB	4,206,810	06/10/80	Blackman	166	336	
	AC	4,426,882	01/24/84	Skinner	73	155	
	AD	4,508,174	04/02/85	Skinner et al.	166	373	
	AE	4,866,607	09/12/89	Anderson et al.	364	422	
	AF	4,999,817	03/12/91	Zimmer	367	65	
	AG	5,234,057	08/10/93	Schultz et al.	166	319	
	AH	5,236,048	08/17/93	Skinner et al.	166	382	
	AI	5,273,113	12/28/93	Schultz	166	250	
	AJ	5,279,363	01/18/94	Schultz et al.	166	53	
	AK	5,293,937	03/15/94	Schultz et al.	166	250	

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL	WO 00/55475	09/21/00	PCT	E21B	49/00	X	
	AM							
	AN							
	AO							
	AP							
	AR							
	AS							
	AT							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AU	U.S. Patent Application Serial No. 10/251,160, filed September 20, 2002, entitled "System and Method For Sensing Leakage Across a Packer" by Roger L. Schultz et al.
	AV	
	AW	

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EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	5,318,137	06/07/94	Johnson et al.	175	40	
	AB	5,332,035	07/26/94	Schultz et al.	166	53	
	AC	5,355,960	10/18/94	Schultz et al.	166	374	
	AD	5,367,911	11/29/94	Jewell et al.	73	861.08	
	AE	5,412,568	05/02/95	Schultz	364	422	
	AF	5,490,564	02/13/96	Schultz et al.	166	374	
	AG	5,899,958	05/04/99	Dowell et al.	702	6	
	AH	6,070,672	06/06/00	Gazda	166	386	
	AI	6,131,658	10/17/00	Minear	166	250.01	
	AJ	6,229,453 B1	05/08/01	Gardner et al.	340	853.8	
	AK	6,233,746 B1	05/22/01	Skinner	2	227.18	

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EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA	6,236,620 B1	05/22/01	Schultz et al.	367	82	
	AB	6,257,332 B1	07/10/01	Vidrine et al.	166	250.15	
	AC	6,273,189 B1	08/14/01	Gissler et al.	166	241.1	
	AD	6,286,596 B1	09/11/01	Schnatzmeyer et al.	166	250.15	
	AE	6,310,559 B1	10/30/01	Laborde et al.	340	853.2	
	AF	6,328,119 B1	12/11/01	Gillis et al.	175	325.1	
	AG	6,384,738 B1	05/07/02	Carstensen et al.	340	854.3	
	AH	6,394,181 B2	05/28/02	Schnatzmeyer et al.	166	250.15	
	AI	US 2001/0013410 A1	08/16/01	Beck et al.	166	65.1	
	AJ	US 2001/0013411 A1	08/16/01	Beck et al.	166	65.1	
	AK	US 2001/0040033 A1	11/15/01	Schnatzmeyer et al.	166	250.15	

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	AA	US 2001/0042617 A1	11/22/01	Beck et al.	166	65.1	
	AB	US 2001/0043146 A1	11/22/01	Beck et al.	340	855.8	
	AC	4,506,731	03/26/85	Skinner	166	113	
	AD	4,582,136	04/15/86	Skinner	166	250	
	AE	5,490,564	02/13/96	Schultz et al.	166	374	
	AF	6,144,316	11/07/00	Skinner	340	853.7	
	AG	6,321,838 B1	11/27/01	Skinner	166	250.01	
	AH	3,412,790	11/26/68	Brown	166	4	
	AI	5,343,963	09/06/94	Bouldin et al.	175	27	
	AJ	5,712,912	01/27/98	Tomko et al.	380	23	
	AK	5,730,219	03/24/98	Tubel et al.	66	250.01	

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	AA	5,918,669	07/06/99	Morris et al.	166	50	
	AB	6,041,860	03/28/00	Nazzal et al.	166	250.01	
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	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

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